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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4

of 7

Complete if Known

Application Number	10/668,085
Filing Date	September 22, 2003
First Named Inventor	Gary L. Bowlin
Group Art Unit	2861
Examiner Name	Not Yet Assigned
Attorney Docket Number	49122-0162 (49122-292672)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
RK	81	Abstract of FR1494094, Polymer-bonded leather-like sheet material, F. Andrieu, 09-08-1967, Derwent	
	82	Abstract of JP 08-035193, Preparation of sheet of nonwoven fabric of collagen fibre - by injecting acidic solution of soluble collagen through spinning dyes into aq. conc. solution of salt, cutting obtd. fibre and paper making, Mitsubishi Rayon Co. Ltd., 02-06-1996, Derwent	
	83	Abstract of RU2031661, Nauchno-proizvodstvennoe predpriatie "Ehkomedservis," Institut Khirurgii im.A.V.Vishnevskogo RAMN, Derwent, XP 00204663, 1995	
	84	Abstract of RU 2034534, Kirichenko, et al. Derwent World Patents Inc., Dialog File No. 351 Accession No. 10521633, 1995	
	85	AGRAWAL, C.M. et al., "Technique to Control pH in Vicinity of Biodegrading PLA-PGA Implants", J. Biomed. Mater. Res., 1997, pp. 105-114, Vol. 38.	
	86	AKINS, R.E. et al., "Neonatal Rat Heart Cells Cultured in Simulated Microgravity", In Vitro Cell. Dev. Biol. - Animal, 1997, pp. 337-343, Vol. 33.	
	87	AMSDEN et al., "An examination of factors affecting the size, distribution and release characteristics of polymer microbeads made using electrostatics", Journal of Controlled Release, 1997, pp. 183-196, vol. 43.	
	88	BAKER, T.L. et al., "Three-Dimensional Culture of Bovine Chondrocytes in Rotating-Wall Vessels", In Vitro Cell. Dev. Biol. - Animal, 1997, pp. 358-365, Vol. 33.	
	89	BOLAND et al., "Tailoring a Poly (Glycolic Acid) Tissue Engineering Scaffold by Utilizing Electrostatic Processing," Abstract of Presentation at the 4th International Symposium on Frontiers in Biomedical Polymers, Williamsburg, VA, May 16, 2001.	
	90	BOLAND et al., "Electrospinning of Tissue Engineering Scaffolds," Paper Presented at American Chemical Society Div. Of Polymeric Materials: Science and Engineering, Presented August 26, 2001, Chicago, IL, Publication approximately July 2001.	
	91	BOWLIN et al., "Electrospinning of Biomaterials," Abstract for Presentation at the Second Conference on the Development of Technology in Medicine for Virginia, at the University of Virginia, Presented November 2, 1999.	
	92	BOWLIN et al., "Electric Field-Mediated Processing of Biomaterials: Toward Nanostructured Biomimetic Systems," Abstract of Presentation at SPIE Annual Meeting, Newport Beach, CA, presented March 8, 2001.	
	93	BOWLIN, G., "The New 'Spin' on Tissue Engineering Scaffolds," Abstract for Keynote Address at the 4th International Symposium on frontiers in Biomedical Polymers, Williamsburg, VA, Presented May 17, 2001.	
	94	BOWLIN et al., "Electrospinning of Biomaterials," Paper for Presentation at Fiber Society Spring 2001 Meeting, Raleigh, NC, Presented May 23, 2001.	
	95	BOWLIN, G., "Biomimicking Small Caliber Vascular Construct Engineering," Abstract for Presentation at 2001 Whitaker Foundation Biomedical Engineering Conference, La Jolla, CA, Presented August 9, 2001.	
	96	BUCHKO, C.J. et al., "Processing and Microstructural Characterization of Porous Biocompatible Protein Polymer Thin Films", Polymer, 1999, pp. 7397-7407, Vol. 40.	
	97	CAVALLARO, J.F. et al., "Collagen Fabrics as Biomaterials", Biotechnology and Bioengineering, 1994, pp. 781-791, Vol. 43.	
	98	CHEN, DA-REN et al., "Experimental Investigation of Scaling Laws for Electrospinning: Dielectric Constant Effect", Aerosol Science and Technology, 1997, pp. 367-380, Vol. 27	
	99	DEITZEL, J.M. et al., "Generation of Polymer Nanofibers Through Electrospinning", Army Research Laboratory, 1999, pp. 1-33, ARL-TR-1989.	
	100	DOSHI, J. et al., "Electrospinning Process and Applications of Electrospun Fibers", J. Electrostatics, 1995, pp. 151-160, Vol. 35.	
	101	EKOMEDSERVIS: "WPI World Patent Information Derwent, Derwent, GB", WPI World Patent Information Derwent, Derwent, GB, Vol. 44, Nr. 95, London, GB, (XP002046663), 1995	
	102	ESQUIVEL, C., et al., "Why Small Caliber Vascular Grafts Fail: A Review of Clinical and Experimental Experience and the Significance of the Interaction of Blood at the Interface," J. Surgical Research, 1986, pp. 1-15, vol. 41.	
	103	FERBER, D., "Lab-Grown Organs Begin to Take Shape", Science, 1999, pp. 422-424, Vol. 284.	
	104	FREED, L.E. et al., "Microgravity Tissue Engineering", In Viro Cell. Dev. Biol. - Animal, 1997, pp. 381-385, Vol. 33.	

Examiner
Signature

Rosanne Kesson

Date
Considered

8/31/07

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.